DOCUMENT MODIFICATION REQUEST (DMR)

INFORMATION Page 1 of 1. Date Refer to 1-A01-PPG-001 for Processing Instructions. May 31, 1995 DMR. No. 94-DMR-000725 rint or Type All Information (Except Signatures) 2. Existing Document Number/Revision 3. New Document Number or Document Number if it is to be changed with this Revision 2-G10-ER-ADM-06.02/ Revision 0 4. Originator's Name/Phone/Page/Location 5. Document Title S. R. Hughes/8693/080 **Drawing Control** 6. Document Type Procedure 7. Document Modification Type (Check only one) □ Other □ New □ Revision □ Intent Change ■ Nonintent Change □ Editorial Correction □ Cancellation 8. Item 9. Page 10. Step 11. Proposed Modifications Rewrite SCOPE to read - This procedure applies to all Rocky Flats Environmental Technology Site (Site) employees and subcontractors performing ERPD activities requiring engineering design drawings involving the installation of new facilities or modifications to existing facilities. Doc. Change throughout the document "Project Drawings" to read "Engineering Design Drawings". Add definition for "Facility" - For the purposes of this procedure, facilities are defined as new and existing systems involving structures and processes requiring civil, chemical, electrical and/or mechanical engineering design and modification. Add definition for "Engineering Design Drawings" - Diagrammatic representations (for the purpose of construction, modification, and/or demolition) of facilities, systems and components. Excluded from this definition are drawings depicting proposed actions to be implemented, upon approval, via approved engineering design processes (i.e. figures, plates, and conceptual representations). 5 5.2 Rewrite to read - Identifies all required Engineering Design Drawings and assigns Project numbers to all ERPD projects requiring drawing control services from Site Engineering Documentation. 6 Reword NOTE to read - "Prepared Engineering Design Drawings..." istification (Reason for Modification, EJO#, TP#, etc.) These modifications are required to distinguish Engineering Design Drawings, which require quality controls to ensure configuration control, from figures and plates associated with ER Work Plans and IM/IRAs which are intended to present proposed actions. If modification is for a new procedure or a revision, list concurring disciplines in Block 13, and enter N/A in Blocks 14 and 15. If modification is for any type of change or a cancellation, organizations are listed in Block 13, then Concurror prints, and signs in Block 14, and dates in Block 15. 13. Organization 14. Print and Sign (if applicable) 15. Date (if applicable) DM & RS EOM 3 P.P GROUP I OU 00 R.S. Luker R. S. Luker/ Assigned SME/Phone/Page/Location 18. Cost Center 19. Charge Number lughes/8693/080 celerated Review? 23. ORC Review Yes □ No ⊡ Not required 24. Responsible Manager (print, sign, date) REVIEWED FOR CLASSIFICATION

BY

DATE

ADMIN RECORD

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INFORMATION ONLY

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE ERPD ADMINISTRATIVE PROCEDURES MANUAL CATEGORY 1

Manual No.: Section No.: Page: 3-21000-ADM Table of Contents, Rev 41

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Effective Date: Organization:

Environmental Restoration

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2-N96-ER-ADM-17.09	Records Identification, Preliminary Preparation, and Creation	0	10/31/94	
95-DMR-000329	Text Modification	0	05/21/95	
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2-F73-ER-ADM-21.01	ERPD Commitment Tracking	0	01/13/95
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AQD.08	Preparation of EPA Form R	1	10/10/91

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INFORMATION Rocky Flats Environmental Technology Site 2-G10-ER-ADM-06.02 **REVISION 0** DRAWING CONTROL

APPROVED BY

Print Name

Environmental Restoration Program Division

surance Program Manager,

Print Name

Date

Data Management and Reporting Services

Environmental Protection Agency Approval Received:

Yes No NA

Responsible Organization: Environmental Restoration Program Division

Effective Date:

REVIEW BY THE FOLLOWING DISCIPLINES IS DOCUMENTED IN THE PROCEDURE HISTORY FILE:

Data Management and Reporting Services **Environmental Operations Management** Group 1 OU Closure Industrial Area OU Closure **OU 2 Closure** OU 5, 6, 7 Closures Solar Ponds Project

USE CATEGORY 4

ORC review not required

The following have been incorporated in this revision: 93-DMR-000902

Periodic review frequency: 1 year from the effective date

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1. PURPOSE

This procedure defines the responsibilities of the Environmental Restoration Program Division (ERPD) for the control of ERPD Engineering design drawings.

This procedure implements the requirements of the Environmental Restoration QA Project Plan (QAPjP), Section 6.0, Document Control, the Conduct of Engineering Manual (COEM), and the Engineering General Drafting Manual.

2. SCOPE

This procedure applies to all Rocky Flats Environmental Technology Site (Site) employees and subcontractors performing ERPD activities requiring Engineering design drawings involving the installation of new facilities or modifications to existing facilities.

3. OVERVIEW

This procedure communicates to all ERPD organizations and subcontractors that all Engineering design drawings generated for the Site in support of ERPD activities are to be initiated, changed, approved, and controlled by Site Engineering Documentation and in accordance with the COEM. All ERPD Engineering design drawings are required to meet the standards defined in the Engineering General Drafting Manual and be validated and controlled as defined in the COEM, 2-L08-COEM-AMN-105, Engineering Drawing Control, and

2-L10-COEM-AMN-101, Engineering Document Control.

In addition to the above requirements, all ERPD Engineering design drawings and Site Engineering Documentation work control forms requesting support from Site Engineering Documentation must include:

- ERPD Project number
- Operational Unit (OU) designator number
- Reference Category Description "R."

All changes to existing ERPD Engineering design drawings are in accordance with 2-D46-COEM-DES-255, Engineering Change Request.

4. **DEFINITIONS**

All applicable definitions are found in the COEM or the Rocky Flats Plant Dictionary.

Engineering Design Drawings. Diagrammatic representations (for the purpose of construction, modification, and/or demolition) of facilities, systems and components. Excluded from this definition are drawings depicting proposed actions to be implemented, upon approval, via approved engineering design processes (i.e. figures, plates, and conceptual representations).

Facility. For the purposes of this procedure, facilities are defined as new and existing systems involving structures and processes requiring civil, chemical, electrical and/or mechanical engineering design and modification.

5. RESPONSIBILITIES

5.1 ERPD Employees and Subcontractors

Ensures that all ERPD prepared Engineering design drawings are generated, changed, validated, and controlled pursuant to the applicable sections of the COEM.

Ensures that all ERPD prepared Engineering design drawings and all requests for Site Engineering Documentation support contain an ERPD assigned Project number, an OU designator number, and the Reference Category Description "R."

5.2 **ERPD Project Manager**

Identifies all required Engineering design drawings and assigns Project numbers to all ERPD projects requiring drawing control services from Site Engineering Documentation.

Ensures that all ERPD employees and subcontractors comply with the COEM and this procedure.

Ensures that all personnel, including subcontractors, are trained and qualified to perform the duties, tasks, and responsibilities described in this procedure.

Ensures that all core and ERPD-specific training has been completed and documented, and that copies of all documentation have been forwarded to the ERPD training files.

5.3 ERPD Technical Publications (TP)

Reviews all ERPD prepared Engineering design drawings and ERPD Environmental Documentation work control forms for additional information such as ERPD Project number, OU designator number, and Reference Category Description "R."

Forwards all ERPD prepared Engineering design drawings and work control forms to Site Engineering Documentation.

Maintains the quarterly Engineering Drawing Report supplied by Site Engineering Documentation for all ERPD drawings.

6.

INSTRUCTIONS—PREPARED DRAWINGS

NOTE Prepared Engineering design drawings are drawings created and drafted by ERPD personnel and subcontractors.

ERPD Project Manager

[1] Assign an ERPD Project Number to all projects requiring drawings and/or drawing control services from Site Engineering Documentation.

ERPD Employees and Subcontractors

- [2] Prepare the ERPD Project drawing in accordance with the COEM and the Engineering General Drafting Manual.
- [3] Include the following additional information on the ERPD Project drawing:
 - ERPD Project Number in the drawing title block
 - OU designator number in the keyword field of the drawing title block
 - Reference Category Description "R" for Environmental Restoration in the drawing margin area as shown in the Engineering General Draft Manual
- [4] Submit the ERPD Project drawing and electronic media configuration to ERPD TP.

ERPD TP

- [5] Ensure that the ERPD Project drawing has an ERPD Project Number, an OU designator, and the Reference Category Description "R."
- [6] Record the drawing identification number, ERPD Project Number, and OU designator number into a manual or a computerized log.
- [7] Forward Project drawing and electronic media to Site Engineering Documentation for processing.